



RADIX Pedestrian Tag Detection



Precision pedestrian proximity detection for high-risk vehicle areas.

RADIX is a UWB pedestrian tag detection system designed to help reduce the risk of vehicle-to-pedestrian incidents in busy industrial environments.

Using lightweight rechargeable personal tags and a vehicle-mounted UWB controller, RADIX helps detect tagged pedestrians around mobile plant and industrial vehicles with true 360-degree awareness.

When a pedestrian enters the defined detection zone, the system can provide audible and visual alerts, with optional logging and braking integration available depending on the application.



How RADIX helps on site



Accurate proximity awareness

RADIX uses UWB tag technology to provide more precise pedestrian proximity detection than older RF tagging systems, helping sites improve awareness around moving vehicles and people working nearby.



Personal tags for workers and visitors

Pedestrians carry a slim personal tag with vibrating, beep and LED alert capability. Tags can be worn in a pocket or with an adjustable arm/wrist band, helping make the system practical for day-to-day site use.



Vehicle alerts and optional intervention

RADIX can provide audible and visual alerts when a tagged pedestrian is detected, with optional braking and event logging available depending on the system configuration.



Designed for tough site conditions

RADIX is designed for demanding industrial environments, with operation suited to day, night, dust and fog conditions.

RADIX at a glance

- UWB pedestrian tag proximity detection
- 360-degree vehicle detection from one vehicle-mounted device
- Lightweight rechargeable personal tags
- Visual, audible, vibration and LED alert options
- Optional screen, event logging and Ecloud access
- Optional integration with AEB and ESPEED solutions
- Suitable for day, night, dust and fog environments



Flexible site integration

RADIX can be configured around the way vehicles and pedestrians interact on site, with adjustable detection settings, optional event logging and compatibility with Ezetech AEB and ESPEED solutions where additional intervention or speed control is required.

Connected Safety: Cloud-based remote logging and access through the Ecloud environment.



Why Ezetech?

20+ Years of safety technology experience.

Ezetech Solutions an Australian authorised dealer and integrator of speciality safety technologies sourced from around the world.

Our service is practical and mobile. We consult, supply, assist with commissioning and provide training, with on-site support available Australia wide, and shipping worldwide.

Industries

- Construction
- Warehousing/Distribution
- Manufacturing
- Logistics & Road Freight
- Mining & Quarries
- Utilities & Waste
- People Transport

Don't wait for an incident to happen

Talk to Ezetech about the right safety technology for your vehicles and site.



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